

Missouri Department of Social Services
Division of Aging

Research and Evaluation Unit March 2000

# Division of Aging

### **MISSOURI CARE OPTIONS**

Annual Report Fiscal Year 1999

Missouri Department of Social Services 221 West High Street P.O. Box 1527 Jefferson City, Missouri 65102-1527

# Department of Social Services Mission Statement

To maintain or improve the quality of life for the people of the state of Missouri by providing the best possible services to the public, with respect, responsiveness and accountability, which will enable individuals and families to better fulfill their potential.

# Division of Aging Mission Statement

To promote, maintain, improve and protect the quality of life and quality of care for Missouri's older adults and persons with disabilities so they may live as independently as possible with dignity and respect.



MEL CARNAHAN GOVERNOR

# MISSOURI DEPARTMENT OF SOCIAL SERVICES DIVISION OF AGING

P.O. BOX 1337 JEFFERSON CITY 65102-1337 TELEPHONE: 573-751-3082 RELAY MISSOURI for hearing and speech impaired TEXT TELEPHONE 1-800-735-2966 VOICE 1-800-735-2466

Dear Reader:

The Division of Aging is pleased to present the current Missouri Care Options Annual Report. Material in this report covers the activities during Fiscal Year 1999 (July 1, 1998 through June 30, 1999).

Information about services provided in the areas of long-term care screenings, screening outcomes, costs, and costs avoided are included in this report. We hope the data presented here will be useful to those who are interested in the Care Options program and services. These services are accessed through the Division of Aging and the Area Agencies on Aging for eligible adults of Missouri needing long-term care.

Any questions about the report should be directed to the Division of Aging (573/751-3082) or the Research and Evaluation Unit (573/751-3060), both located within the Department of Social Services.

Sincerely,

Richard C. Dunn

Director

# **Contents**

Introduction	1
Costs of Providing Services to MCO Clients at Home or in an RCF	2
Nursing Facility Cost Avoidance	3
Costs by Service and Funding Source	4
Average Annual Cost Per Recipient	5
Referrals, Screenings and Outcomes	6
Referral Demographics	8
Appendix	
Missouri Division of Aging Regions	3
Referrals by County for Fiscal Year 1999	4
Screening Outcomes by County for Fiscal Year 1999 16	6
Screening Outcomes by Region and Fiscal Year	8
Description of In-Home Services	0
Maximum Reimbursement Unit Rates for In-Home Services	1

### Introduction

The Missouri Care Options (MCO) program provides information to Missouri citizens about making choices regarding the variety of care options available to them when they may need long-term care. The program was implemented by the Department of Social Services/Division of Aging in 1993 as the result of a legislative initiative intended to inform individuals of all available long-term care options; promote quality long-term care in a home or community setting; moderate the growth of state funded nursing facility placements by assessing the viability of state funded care in a home or community setting; and enhance the integrity, independence and safety of Missouri's older adults.

MCO offers home and community long-term care services to adults, 18 years and older, who are Medicaid eligible, or potentially eligible, and in need of assistance. MCO also offers individuals who reside in long-term care facilities the option of home and community long-term care services if they qualify for care in a more independent setting. The in-home services available include:

- → help with activities of daily living such as grooming, bathing, dressing, eating;
- → help with complex physical needs;
- → a companion to relieve family caregivers, giving them time to run errands or attend to personal needs;
- → help with housekeeping, laundry, meal preparation, shopping and other services;
- $\rightarrow$  in-home nursing care;
- → supervised adult day care programs; and
- → well prepared, nutritious meals delivered to the home through arrangements with the Area Agencies on Aging.

Screenings are required for persons entering nursing facilities who are Medicaid or potentially Medicaid eligible. The Central Registry Unit (toll-free hotline 1-800-392-0210), operated by the Division of Aging, is the clearinghouse for receipt of screening referrals. Upon completion of the screening process, an individual is determined to be MCO eligible if the individual:

- → is considering state funded long-term care;
- → has low-level maintenance health care needs but is "medically eligible" for nursing facility care;
- → could reasonably have care needs met outside a nursing facility; and
- → receives Medicaid funded long-term care in a home or community setting.

The purpose of this report is to present a summary of the MCO referral and screening process and various facts related to providing long-term care to MCO participants during fiscal year 1999.

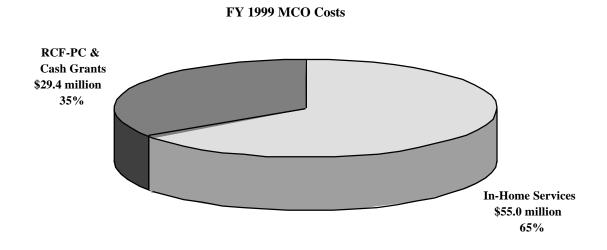
# Costs of Providing Services to MCO Clients at Home or in an RCF

The cost to provide in-home services (see Appendix, page 20) and home-delivered meals to almost 19,000 MCO clients totaled \$84.4 million in fiscal year 1999. Of that total, over half of the costs were state funded.

C	Costs of Providing MCO In-Home & RCF-PC Services											
	State GeneralPercentPercentRevenueof TotalFederalof TotalTotal											
FY 1994	\$2,521,788	52%	\$2,304,203	48%	\$4,825,991							
FY 1995	\$10,083,159	57%	\$7,589,053	43%	\$17,672,212							
FY 1996	\$15,751,760	54%	\$13,254,624	46%	\$29,006,384							
FY 1997	\$23,422,619	55%	\$19,048,363	45%	\$42,470,982							
FY 1998	\$34,062,983	53%	\$30,454,479	47%	\$64,517,462							
FY 1999	\$43,971,948	52%	\$40,413,320	48%	\$84,385,268							

**Note:** General Revenue costs include cash grants issued by the state to residential care facility (RCF) residents receiving personal care (PC) services.

Of the \$84.4 million total cost, 65 percent paid for in-home services provided to 13,169 individuals in their homes. The remainder of the Medicaid costs funded personal care (PC) services and monthly cash grants to 6,527 residents of residential care facilities (RCF).



### Nursing Facility Cost Avoidance

In fiscal year 1999, it is estimated that over \$225 million in nursing facility costs were avoided as a result of increased use of alternatives to facility-based long term care. Of the total cost avoidance, the state share was 31 percent and the federal share was 69 percent. Nursing facility cost avoidance is estimated by subtracting the actual in-home services costs for MCO clients in a home or community setting from the costs of a Medicaid nursing facility\* for the same number of days.

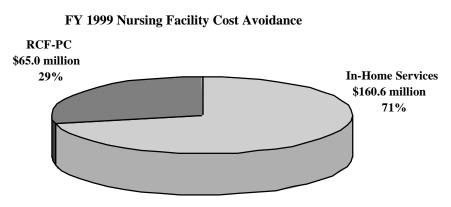
	Nursing Facility Cost Avoidance											
	General Revenue	<u>Federal</u>	Total**	Adjusted Total***								
FY 1994	\$5,424,267	\$9,583,170	\$15,007,437	\$15,007,437								
FY 1995	\$15,354,103	\$28,971,341	\$44,325,444	\$39,507,325								
FY 1996	\$24,180,799	\$44,185,251	\$68,366,050	\$62,353,087								
FY 1997	\$46,745,702	\$86,136,640	\$132,882,342	\$117,132,933								
FY 1998	\$57,496,223	\$127,187,781	\$184,684,004	\$161,969,625								
FY 1999	\$70,674,604	\$154,970,193	\$225,644,797	\$197,385,972								

* FY 1994 Medicaid per diem rate:	\$16.00 GR, \$24.00 Federal
FY 1995, 1996 Medicaid per diem rate:	\$18.72 GR, \$26.96 Federal
FY 1997 Medicaid per diem rate:	\$23.60 GR, \$35.41 Federal
FY 1998, 1999 Medicaid per diem rate:	\$25.80 GR, \$38.71 Federal

<sup>\*\*</sup> Total cost avoidance has been adjusted for cash grants issued by the state to residential care facility (RCF) residents receiving personal care services.

Over two-thirds of the nursing facility cost avoidance in fiscal year 1999 resulted from providing home care.

The remaining one-third resulted from residential care facility (RCF) residents receiving personal care and cash grants as an alternative to higher cost care settings.



<sup>\*\*\*</sup> Totals for FY 1995 through 1999 have been adjusted for the Federal Reimbursement Allowance. In 1994 the Missouri legislature enacted the "nursing facility reimbursement allowance" program, which imposed an annual fee on all privately owned nursing facilities. The purpose of this fee was to generate additional revenue to provide for increased Medicaid reimbursement to nursing homes. (Reference RSMo 198.401-198.439.)

# Costs by Service and Funding Source

MCO home & community clients received over 5.8 million paid units of service during the fiscal year, for an annual average of 308 units per recipient. The majority of MCO participants received personal care and homemaker services.

Title XIX (Medicaid) funded over half of the MCO home care during fiscal year 1999. Title XIX funded personal care services in an RCF accounted for 18 percent of total costs. RCF cash grants (state funds only) accounted for 17 percent, and block grant and General Revenue funds for six percent of service costs. Older Americans Act Title III funds used were \$123,567.

<u>Services</u>	Recipients	<b>Delivered Units*</b>	<b>Total Costs</b>
Title XIX Personal Care	10,794	2,110,793	\$25,179,227
Title XIX RCF-Personal Care	6,057	1,317,482	\$15,016,981
Title XIX Homemaker	7,859	1,121,693	\$13,380,407
Title XIX Hourly Respite	1,790	573,809	\$5,777,197
Title XIX Nurse Visits	3,380	57,966	\$2,090,647
Title XIX Home Health	850	76,786	\$1,216,678
Title XIX Advanced Personal Care	795	122,783	\$1,958,225
Title XIX Adult Day Health Care	173	14,736	\$618,584
Title XIX Respite	15	568	\$22,400
GR/Block Grant Personal Care	2,072	199,543	\$2,374,732
GR/Block Grant Homemaker	1,411	99,430	\$1,183,100
GR/Block Grant Nurse Visits	530	4,508	\$162,417
GR/Block Grant Hourly Respite	351	65,276	\$657,482
GR/Block Grant Advanced Personal C	Care 219	17,799	\$283,418
OAA Title III Related Services	683	48,896	\$123,567
RCF Cash Grants	6,527	NA	\$14,340,205
TOTAL (unduplicated)**	18,936	5,832,068	\$84,385,268

<sup>\* 1</sup> unit=1 hour; 1 Nurse visit=1 unit; 1 adult day care unit=1 day

<sup>\*\*</sup> Persons may receive more than one of the available home & community services; thus, the number of recipients for each service adds to more than the total.

# Average Annual Cost Per Recipient

The average annual cost during fiscal year 1999 to provide in-home services to each MCO participant "medically eligible" for nursing facility level of care was estimated at \$4,179. For those who received personal care and cash grants in an RCF, the estimated annual cost per recipient was \$4,503.

For a nursing facility resident, the average annual cost was estimated at \$32,758 after adjusting for the Federal Reimbursement Allowance. The "nursing facility reimbursement allowance" program, enacted in 1994 by the Missouri legislature, imposed an annual fee on all privately owned nursing facilities. The purpose of the fee was to generate additional revenue to provide for increased Medicaid reimbursement to nursing facilities.

Nursing facility average costs were determined by dividing total expenditures by the average monthly number of recipients; it includes costs for some residents who did not have an MCO screening. Fiscal years 1995 through 1999 averages have been adjusted to exclude the Federal Reimbursement Allowance. RCF and in-home average costs were determined by dividing total expenditures by total recipients. The RCF cost includes cash grants issued by the state to residents receiving personal care services.

	Average Annual Cost Per Recipient										
	<u>In-Home</u>	RCF*	Nursing Facility**								
FY 1994	\$1,680	\$1,845	\$16,802								
FY 1995	\$2,352	\$3,077	\$19,680								
FY 1996	\$2,834	\$4,053	\$24,596								
FY 1997	\$3,045	\$3,916	\$28,408								
FY 1998	\$3,731	\$4,365	\$31,765								
FY 1999	\$4,179	\$4,503	\$32,758								

<sup>\*</sup> Includes cash grants issued by the state to RCF residents receiving personal care services.

<sup>\*\*</sup> FY 1995 through FY 1999 adjusted to exclude the Federal Reimbursement Allowance.

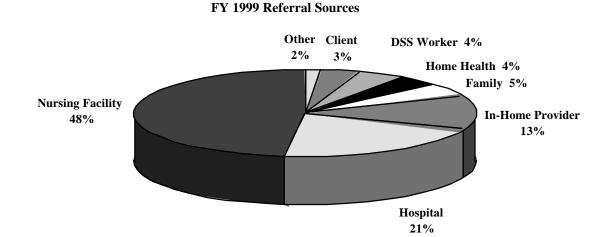
### Referrals, Screenings and Outcomes

Screenings are required for persons entering nursing facilities who are Medicaid eligible or potentially Medicaid eligible. In fiscal year 1999, over 24,000 referrals were made to the Central Registry Unit (CRU). Because of an immediate need for nursing facility care, the CRU completed the screenings for 2,298 referrals; Division of Aging social workers located in county offices screened the remaining referrals.

	MCO Referrals										
	Received at the CRU	Screened by the CRU	Screened by DA Field Staff								
FY 1994	16,340	4,353	11,987								
FY 1995	18,063	4,791	13,272								
FY 1996	19,603	4,359	15,244								
FY 1997	21,753	3,650	18,103								
FY 1998	23,970	2,746	21,224								
FY 1999	24,987	2,298	21,989								

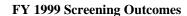
**Notes:** The number of referrals does not necessarily correlate to the number of persons since a person can be referred more than once during a fiscal year. The decline in the number of referrals screened by the CRU from FY 1996 to FY 1997 is a result of policy changes regarding post admission screening.

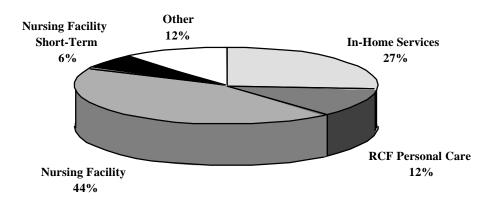
In fiscal year 1999, the major sources of referrals were nursing facilities, hospitals and in-home care providers. The proportions of referrals by source have remained relatively constant the last several years.



MCO Referrals by Source											
Source	FY 1994	<u>FY 1995</u>	FY 1996	FY 1997	<u>FY 1998</u>	FY 1999					
Nursing Home	8,593	8,389	9,554	10,677	11,801	11,661					
Hospital	5,447	5,156	4,709	4,667	5,043	5,064					
In-Home Provider	198	2,452	2,287	2,911	2,768	3,086					
Family	624	623	722	1,055	1,272	1,187					
Home Health/Hospice	441	376	458	797	1,001	961					
DSS Worker	770	811	1,134	595	920	1,048					
Client	92	172	288	733	834	868					
Mental Health	24	16	15	40	54	63					
Other Health Care	10	15	12	39	41	67					
Other	141	140	424	238	236	282					
TOTAL	16,340	18,150	19,603	21,752	23,970	24,287					

During fiscal year 1999, half of the persons referred for screening chose or required nursing facility care. Over one-third of those referred chose home care or personal care in an RCF. Twelve percent were not authorized for a MCO qualifying service, returned to the community on their own resources, improved to where no care was needed, relocated to another state or died before a long-term care decision was made. (See Appendix, pages 18-21, for outcome information by county and region.)

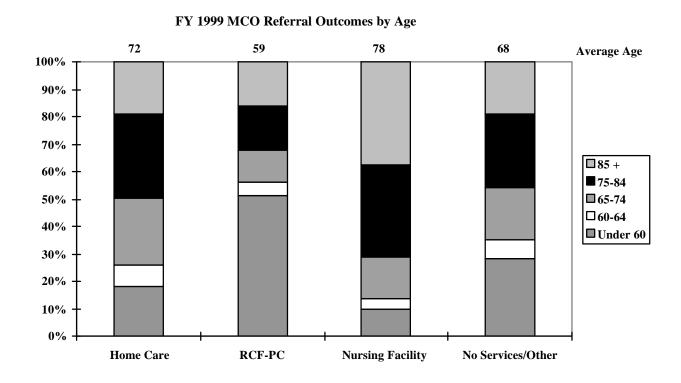




### Referral Demographics

### Age

Over half of the persons screened that chose to enter and receive personal care services in a RCF were under the age of 60. Persons who were screened and entered a nursing facility were the oldest, averaging an age of 78; almost three-fourths were 75 years of age or older. Persons screened who chose home care were an average of 72 years old, with the majority between the ages of 65 and 84.



### Sex

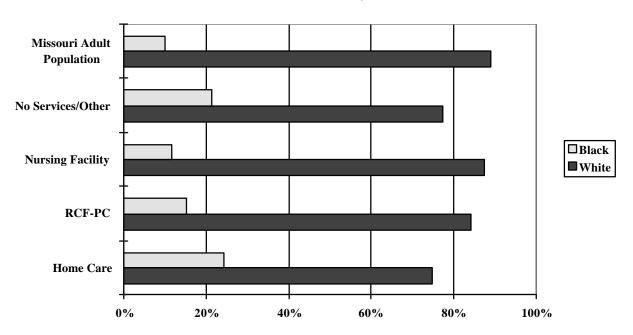
Almost two-thirds of persons receiving a MCO screening were females. This reflects the older adult population as women are more likely than men to live longer, be widowed and need long-term care. The gap between men and women was greatest for persons choosing home care, 26% vs. 74%, and the smallest for those not receiving services, 45% vs. 55%.

80% 70% 60% 50% **■**Female 40% □Male 30% 20% 10% 0% **Home Care RCF-PC** Nursing Missouri Adult No **Facility** Services/Other **Population** 

FY 1999 MCO Referral Outcomes by Sex

#### Race

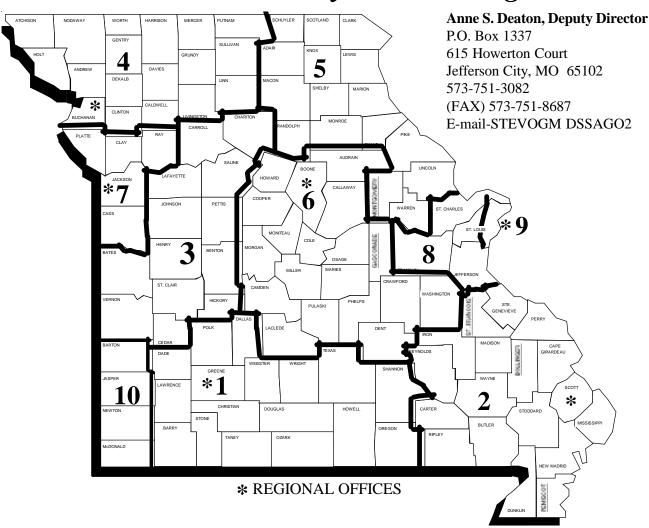
Overall, 82 percent of persons screened were reported to be white and 17 percent were black. Less than one percent were of a race other than black or white when minority status was known and reported. The percentage of black adults receiving an MCO screening was higher than that of the Missouri adult population, which is reported to be 89% white, 10% black and 1% other.



FY 1999 MCO Referral Outcomes by Race

# **APPENDIX**

# Missouri Division of Aging Home & Community Services Regions



#### REGION 1-10

Rich Meier, Regional Mgr. 149 Park Central Square Springfield, MO 65806 417-895-6456 (FAX) 417-895-1341 E-mail-MEIEHFU DSSHOST

#### **REGION 2**

David Morgan, Regional Mgr. 130 South Frederick Cape Girardeau, MO 63701 573-290-5781 (FAX) 573-290-5650 E-mail-MORGIJC DSSHOST

#### **REGION 3-7**

Kathie Moore, Regional Mgr. Suite 405, State Office Bldg. 615 East 13th St. Kansas City, MO 64106 816-889-3100 (FAX) 816-889-2004 E-mail-MOORJMR DSSHOST

#### **REGION 4**

Steve Hurt, Regional Mrg. 525 Jules St., Room 319 St. Joseph, MO 64501 660-387-2100 (FAX) 660-387-2110 E-mail-HURTHEW DSSHOST

#### **REGION 5-6**

Barbara Potter, Regional Mgr. 1500 Vandiver Dr Suite 102 Columbia, MO 65202 573-882-9474 (FAX) 573-884-4884 E-mail-POTTHGO DSSHOST

#### **REGION 8-9**

Mike Nickel, Acting Regional Mgr. Wainwright Building 111 North 7th Street., 4th Floor St. Louis, MO 63101 314-340-7300 (FAX) 314-340-3415 E-mail-NICKHXE DSSHOST

# Referrals by County for Fiscal Year 1999

	County	Medicaid 18+	Eligibles* % 60+	% 60+ in NF**	Referrals Received	Screened by CRU***	% of Referrals	Screened by Field Staff	
REGION 1	BARRY	1,864	39.4%	4.7%	120	10	8.3%	110	91.7%
	CHRISTIAN	1,682	37.1%	5.9%	166	18	10.8%	148	89.2%
	DADE	463	50.5%	9.6%	34	7	20.6%	27	79.4%
	DALLAS	973	41.1%	3.8%	74	6	8.1%	68	91.9%
	DOUGLAS	1,072	41.9%	3.7%	38	2	5.3%	36	94.7%
	GREENE	10,241	31.7%	5.5%	1,240	98	7.9%	1,142	92.1%
	HOWELL	2,969	42.0% 39.2%	6.6% 4.6%	278 162	20 34	7.2% 21.0%	258 128	92.8%
	LAWRENCE OREGON	1,759 1,068	43.8%	4.0%	162	34 7	4.8%	139	79.0% 95.2%
	OZARK	904	40.8%	3.7%	42	2	4.8%	40	95.2%
	POLK	1,444	39.4%	6.0%	132	10	7.6%	122	92.4%
	SHANNON	847	39.1%	3.3%	67	1	1.5%	66	98.5%
	STONE	1,201	35.5%	2.7%	64	5	7.8%	59	92.2%
	TANEY	1,632	33.6%	3.2%	130	13	10.0%	117	90.0%
	TEXAS	1,789	39.7%	3.9%	88	13	14.8%	75	85.2%
	WEBSTER	1,355	41.6%	4.4%	98	12	12.2%	86	87.8%
	WRIGHT	1,702	40.2%	4.2%	83	3	3.6%	80	96.4%
	* REGION 1 TOTAL *		37.3%	4.9%	2,962	261	8.8%	2,701	91.2%
REGION 2		788	43.5%	3.7%	113	0	0.0%	113	100.0%
	BUTLER	3,919	40.4%	5.1%	406	31	7.6%	375	92.4%
	CAPE GIRARDEAU	2,952	37.5%	6.1%	357	40	11.2%	317	88.8%
	CARTER	703	39.7%	3.5%	47	0	0.0%	47	100.0%
	DUNKLIN	4,734	42.8%	6.6%	481	9 5	1.9%	472	98.1%
	IRON MADISON	1,083	39.9% 44.5%	12.8% 5.3%	93 116	9	5.4% 7.8%	88 107	94.6% 92.2%
	MISSISSIPPI	1,015 1,910	44.5%	3.3% 7.0%	170	3	1.8%	167	92.2%
	NEW MADRID	2,398	48.3%	6.4%	189	8	4.2%	181	95.8%
	PEMISCOT	3,156	40.6%	3.7%	262	3	1.1%	259	98.9%
	PERRY	766	45.8%	8.0%	72	13	18.1%	59	81.9%
	REYNOLDS	700	37.7%	4.0%	28	0	0.0%	28	100.0%
	RIPLEY	1,684	41.0%	3.7%	90	2	2.2%	88	97.8%
	ST FRANCOIS	4,034	32.1%	5.5%	456	18	3.9%	438	96.1%
	STE GENEVIEVE	673	36.6%	5.3%	65	8	12.3%	57	87.7%
	SCOTT	3,389	37.9%	5.0%	359	10	2.8%	349	97.2%
	STODDARD	2,491	47.6%	5.1%	288	13	4.5%	275	95.5%
	WAYNE	1,566	40.7%	3.7%	99	1	1.0%	98	99.0%
	* REGION 2 TOTAL *	,	40.6%	5.6%	3,691	173	4.7%	3,518	95.3%
REGION 3		863	42.3%	6.1%	75	9	12.0%	66	88.0%
	BENTON	1,165	37.5%	4.2%	163	12	7.4%	151	92.6%
	CARROLL	604 999	40.9%	3.7%	39	3	7.7%	36	92.3%
	CEDAR CHARITON	482	39.8% 57.9%	6.5% 5.2%	88 73	4 10	4.5% 13.7%	84 63	95.5% 86.3%
	HENRY	1,432	36.5%	5.2%	176	8	4.5%	168	95.5%
	HICKORY	695	40.3%	3.5%	54	0	0.0%	54	100.0%
	JOHNSON	1,455	33.2%	5.7%	130	8	6.2%	122	93.8%
	LAFAYETTE	1,350	34.4%	4.6%	145	30	20.7%	115	79.3%
	PETTIS	2,065	38.9%	2.2%	264	16	6.1%	248	93.9%
	ST CLAIR	660	42.9%	6.4%	65	9	13.8%	56	86.2%
	SALINE	1,543	38.7%	5.7%	146	15	10.3%	131	89.7%
	VERNON	1,443	35.7%	4.8%	117	24	20.5%	93	79.5%
	* REGION 3 TOTAL *	14,756	38.5%	4.8%	1,535	148	9.6%	1,387	90.4%
REGION 4		551	49.9%	8.1%	37	5	13.5%	32	86.5%
	ATCHISON	313	57.8%	7.7%	41	4	9.8%	37	90.2%
	BUCHANAN	4,603	32.9%	5.8%	544	29	5.3%	515	94.7%
	CALDWELL	454	42.5%	8.0%	94	14	14.9%	80	85.1%
	CLINTON	591	43.5%	8.8%	121	17	14.0%	104	86.0%
	DAVIESS	345	41.4%	5.0%	62	2	3.2%	60	96.8%
	DE KALB	498 375	52.0% 52.0%	10.4%	97 47	6	6.2%	91 44	93.8%
	GENTRY GRUNDY	375 640	52.0% 50.0%	10.0%	47 86	3 7	6.4% 8.1%	44 70	93.6%
	HARRISON	640 577	50.9% 50.1%	8.0% 6.9%	86 49	12	8.1% 24.5%	79 37	91.9% 75.5%
	HOLT	270	57.8%	6.6%	29	5	24.3% 17.2%	24	82.8%
	LINN	822	1.6%	8.5%	119	11	9.2%	108	90.8%
	LIVINGSTON	828	47.5%	9.0%	122	12	9.8%	110	90.2%
	MERCER	213	51.6%	3.0%	34	0	0.0%	34	100.0%

### Referrals by County for Fiscal Year 1999

	County	Medicaid 18+	Eligibles* % 60+	% 60+ in NF**	Referrals Received	Screened by CRU***	% of Referrals	Screened by Field Staff	
	NODAWAY	649	49.2%	5.6%	90	8	8.9%	82	91.1%
	PUTNAM	329	46.2%	2.4%	40	5	12.5%	35	87.5%
	SULLIVAN	551	51.0%	8.7%	63	4	6.3%	59	93.7%
	WORTH	141	53.9%	10.1%	13	4	30.8%	9	69.2%
	* REGION 4 TOTAL *		40.3%	7.1%	1,688	148	8.8%	1,540	91.2%
REGION 5	ADAIR	1,170	38.5%	8.4%	163	14	8.6%	149	91.4%
	CLARK	419	48.4%	5.4%	49	1	2.0%	48	98.0%
	KNOX	257	49.4%	5.2%	44	4	9.1%	40	90.9%
	LEWIS	526	52.7%	10.3%	86	12	14.0%	74	86.0%
	LINCOLN	1,439	33.0%	5.1%	105	13	12.4%	92	87.6%
	MACON	824	48.9%	7.2%	88	10	11.4%	78	88.6%
	MARION	1,817	38.2%	7.4%	202	30	14.9%	172	85.1%
	MONROE	416	55.5%	7.2%	46	1	2.2%	45	97.8%
	MONTGOMERY	623	51.0%	8.7%	93	10	10.8%	83	89.2%
	PIKE	931	46.1%	7.2%	101	14	13.9%	87	86.1%
	RALLS	385	42.6%	3.0%	57	3	5.3%	54	94.7%
	RANDOLPH	1,402	41.8%	6.5%	150	8	5.3%	142	94.7%
	SCHUYLER	270	52.2%	5.0%	39	3	7.7%	36	92.3%
	SCOTLAND	324	56.8%	8.7%	59	0	0.0%	59	100.0%
	SHELBY	397	53.1%	9.2%	44	4	9.1%	40	90.9%
	WARREN	720	33.5%	1.8%	37	1	2.7%	36	97.3%
	* REGION 5 TOTAL *		43.1%	6.7%	1,363	128	9.4%	1,235	90.6%
REGION 6	AUDRAIN	1,139	36.0%	7.3%	80	8	10.0%	72	90.0%
	BOONE	4,322	24.3%	7.2%	414	40	9.7%	374	90.3%
	CALLAWAY	1,482	32.4%	5.1%	114	6	5.3%	108	94.7%
	CAMDEN	1,363	35.4%	2.3%	113	14	12.4%	99	87.6%
	COLE	2,025	31.8%	7.7%	195	24	12.3%	171	87.7%
	COOPER	648	49.2%	5.0%	78	7	9.0%	71	91.0%
	CRAWFORD	1,424	36.6%	4.8%	84	9	10.7%	75	89.3%
	DENT	1,164	38.9%	4.5%	62	2	3.2%	60	96.8%
	GASCONADE	611	53.0%	6.2%	89	21	23.6%	68	76.4%
	HOWARD	532	48.3%	4.1%	36	0	0.0%	36	100.0%
	LACLEDE	1,854	38.6%	3.1%	122	7	5.7%	115	94.3%
	MARIES	456	44.5%	4.8%	27	1	3.7%	26	96.3%
	MILLER	1,333	38.5%	4.3%	66	1	1.5%	65	98.5%
	MONITEAU	465	56.6%	5.9%	73	10	13.7%	63	86.3%
	MORGAN	1,100	42.5%	3.7%	157	8 7	5.1%	149	94.9%
	OSAGE	383	54.0%	2.4%	68	9	10.3%	61	89.7%
	PHELPS	2,070	35.2%	7.2%	157	6	5.7%	148	94.3%
	PULASKI	1,626	34.6%	4.5%	104		5.8%	98	94.2%
	WASHINGTON * REGION 6 TOTAL *	2,349	30.7%	3.1% <b>5.4%</b>	93	6 196	6.5% <b>8.7%</b>	87 <b>1,946</b>	93.5% <b>91.3%</b>
DECION 7		/	36.3%	5.3%	<b>2,132</b> 240	<b>186</b> 39		201	83.8%
REGION 7	CASS	2,016	38.0%				16.3%		
	CLAY	3,446	39.8%	4.8%	414	73	17.6%	341	82.4%
	JACKSON	29,865	27.7%	4.4%	2,970	255	8.6%	2,715	91.4% 87.1%
	PLATTE RAY	1,052 746	37.6% 39.1%	6.0% 5.6%	116 71	15 9	12.9% 12.7%	101 62	87.1% 87.3%
	* REGION 7 TOTAL *		29.9%	3.6% <b>4.6%</b>	3,811	<b>391</b>	10.3%		87.3% <b>89.7%</b>
REGION 8								3,420	
REGION 8	FRANKLIN	2,948	37.4%	4.8%	248 529	41 81	16.5%	207 448	83.5%
	JEFFERSON ST. CHARLES	5,513	31.5%	5.8%			15.3%		84.7%
	ST CHARLES ST LOUIS COUNTY	4,269	30.6%	5.5%	351	70 448	19.9%	281	80.1% 84.2%
		27,324	32.6%	4.4%	2,834	448	15.8%	2,386	
DECIONA	* REGION 8 TOTAL *	/	32.6% 25.3%	4.6%	3,962	640	16.2%	3,322	83.8%
REGION 10	ST LOUIS CITY	39,440	25.3%	4.1%	2,280	162	7.1%	2,118	92.9%
REGION 10	BARTON	641 5 072	39.0%	3.4%	45 464	2	4.4%	43	95.6%
	JASPER MCDONALD	5,972	35.4%	3.3%	464	22	4.7%	442	95.3%
	MCDONALD	1,413	34.7%	3.2%	79 275	5	6.3%	74	93.7%
	NEWTON * DECION 10 TOTAL	2,331	42.5%	4.5%	275	32	11.6%	243	88.4%
	* REGION 10 TOTAL STATE TOTAL	* 10,357 262,990	37.1% 34.6%	3.6% 5.0%	863 24,287	61 2,298	7.1% 9.5%	802 21,989	92.9% 90.5%

<sup>\*</sup> Medicaid eligibles based on the average monthly number of eligible individuals, ages 18 or older, issued Medicaid cards during FY 1999.

<sup>\*\* % 60+</sup> in a Nursing Facility (NF) based on 1990 Census data.

<sup>\*\*\*</sup> Division of Aging's Central Registry Unit (CRU) receives MCO referrals and screens those referrals of persons in immediate need of nursing facility care.

<sup>\*\*\*\*</sup> Referrals may include more than one referral per person.

# Screening Outcomes by County for Fiscal Year 1999

	County	Total Referrals	In- #	Home %	R(	CF-PC %	Nursii #	ng Facility %	NF-S #	hort Term %	No Se	rvices/Othe %
REGION 1	BARRY	120	10	8.3%	21	17.5%	69	57.5%	3	2.5%	17	14.2%
	CHRISTIAN	166	10	6.0%	49	29.5%	64	38.6%	4	2.4%	39	23.5%
	DADE	34	6	17.6%	0	0.0%	25	73.5%	1	2.9%	2	5.9%
	DALLAS	74	16	21.6%	14	18.9%	27	36.5%	3	4.1%	14	18.9%
	DOUGLAS	38	5	13.2%	6	15.8%	14	36.8%	7	18.4%	6	15.8%
	GREENE	1,240	307	24.8%	106	8.5%	569	45.9%	144	11.6%	114	9.2%
	HOWELL	278	109	39.2%	15	5.4%	124	44.6%	11	4.0%	19	6.8%
	LAWRENCE	162	23	14.2%	22	13.6%	81	50.0%	11	6.8%	25	15.4%
	OREGON OZARK	146 42	97 9	66.4% 21.4%	1 8	0.7% 19.0%	38	26.0% 33.3%	8 6	5.5% 14.3%	2 5	1.4% 11.9%
	POLK	132	9 17	12.9%	28	21.2%	14 53	40.2%	9	6.8%	25	18.9%
	SHANNON	67	20	29.9%	12	17.9%	18	26.9%	12	17.9%	23 5	7.5%
	STONE	64	7	10.9%	10	15.6%	35	54.7%	5	7.8%	7	10.9%
	TANEY	130	10	7.7%	15	11.5%	84	64.6%	4	3.1%	17	13.1%
	TEXAS	88	15	17.0%	2	2.3%	52	59.1%	12	13.6%	7	8.0%
	WEBSTER	98	31	31.6%	5	5.1%	31	31.6%	16	16.3%	15	15.3%
	WRIGHT	83	24	28.9%	6	7.2%	37	44.6%	9	10.8%	7	8.4%
	* REGION 1 TOTAL	* 2,962	716	24.2%	320	10.8%	1,335	45.1%	265	8.9%	326	11.0%
<b>REGION 2</b>	BOLLINGER	113	42	37.2%	45	39.8%	11	9.7%	10	8.8%	5	4.4%
	BUTLER	406	136	33.5%	74	18.2%	133	32.8%	42	10.3%	21	5.2%
	CAPE GIRARDEAU	357	72	20.2%	60	16.8%	162	45.4%	10	2.8%	53	14.8%
	CARTER	47	14	29.8%	21	44.7%	9	19.1%	0	0.0%	3	6.4%
	DUNKLIN	481	233	48.4%	44	9.1%	116	24.1%	64	13.3%	24	5.0%
	IRON	93	20	21.5%	13	14.0%	43	46.2%	5	5.4%	12	12.9%
	MADISON	116	26	22.4%	2	1.7%	63	54.3%	9	7.8%	16	13.8%
	MISSISSIPPI	170	108	63.5%	0	0.0%	41	24.1%	11	6.5%	10	5.9%
	NEW MADRID PEMISCOT	189 262	92 172	48.7% 65.6%	0 1	0.0% 0.4%	53 46	28.0% 17.6%	31 33	16.4% 12.6%	13 10	6.9% 3.8%
	PERRY	72	172	20.8%	8	11.1%	36	50.0%	55 5	6.9%	8	3.8% 11.1%
	REYNOLDS	28	15	53.6%	4	14.3%	8	28.6%	0	0.9%	1	3.6%
	RIPLEY	90	24	26.7%	21	23.3%	32	35.6%	2	2.2%	11	12.2%
	ST FRANCOIS	456	108	23.7%	98	21.5%	153	33.6%	23	5.0%	74	16.2%
	STE GENEVIEVE	65	3	4.6%	16	24.6%	23	35.4%	2	3.1%	21	32.3%
	SCOTT	359	170	47.4%	48	13.4%	91	25.3%	18	5.0%	32	8.9%
	STODDARD	288	119	41.3%	57	19.8%	59	20.5%	26	9.0%	27	9.4%
	WAYNE	99	50	50.5%	6	6.1%	23	23.2%	17	17.2%	3	3.0%
	* REGION 2 TOTAL	* 3,691	1,419	38.4%	518	14.0%	1,102	29.9%	308	8.3%	344	9.3%
REGION 3	BATES	75	8	10.7%	7	9.3%	47	62.7%	8	10.7%	5	6.7%
	BENTON	163	92	56.4%	18	11.0%	42	25.8%	3	1.8%	8	4.9%
	CARROLL	39	19	48.7%	0	0.0%	15	38.5%	3	7.7%	2	5.1%
	CEDAR	88	39	44.3%	9	10.2%	31	35.2%	6	6.8%	3	3.4%
	CHARITON	73	26	35.6%	3	4.1%	36	49.3%	8	11.0%	0	0.0%
	HENRY	176	69	39.2%	19	10.8%	46	26.1%	16	9.1%	26	14.8%
	HICKORY	54	27	50.0%	0	0.0%	21	38.9%	5	9.3%	1	1.9%
	JOHNSON LAFAYETTE	130 145	45 41	34.6% 28.3%	9 4	6.9% 2.8%	46 90	35.4% 62.1%	22 5	16.9% 3.4%	8 5	6.2% 3.4%
	PETTIS	264	113	42.8%	29	11.0%	86	32.6%	9	3.4%	27	10.2%
	ST CLAIR	65	23	35.4%	0	0.0%	33	50.8%	5	7.7%	4	6.2%
	SALINE	146	46	31.5%	24	16.4%	65	44.5%	4	2.7%	7	4.8%
	VERNON	117	11	9.4%	20	17.1%	75	64.1%	7	6.0%	4	3.4%
	* REGION 3 TOTAL	* 1,535	559	36.4%	142	9.3%	633	41.2%	101	6.6%	100	6.5%
<b>RE3GION 4</b>	ANDREW	37	2	5.4%	6	16.2%	23	62.2%	2	5.4%	4	10.8%
	ATCHISON	41	21	51.2%	0	0.0%	17	41.5%	2	4.9%	1	2.4%
	BUCHANAN	544	150	27.6%	84	15.4%	197	36.2%	41	7.5%	72	13.2%
	CALDWELL	94	37	39.4%	6	6.4%	26	27.7%	0	0.0%	25	26.6%
	CLINTON	121	16	13.2%	2	1.7%	61	50.4%	4	3.3%	38	31.4%
	DAVIESS	62	17	27.4%	2	3.2%	10	16.1%	5	8.1%	28	45.2%
	DE KALB	97	18	18.6%	13	13.4%	23	23.7%	10	10.3%	33	34.0%
	GENTRY	47	6	12.8%	9	19.1%	23	48.9%	1	2.1%	8	17.0%
	GRUNDY	86	35	40.7%	4	4.7%	38	44.2%	4	4.7%	5	5.8%
	HARRISON	49	1	2.0%	2	4.1%	33	67.3%	10	20.4%	3	6.1%
	HOLT	29 110	8	27.6%	0	0.0%	12	41.4%	6	20.7%	3	10.3%
	LINN	119	49 46	41.2%	8	6.7%	32 51	26.9%	22	18.5% 8.2%	8	6.7%
	LIVINGSTON MERCER	122 34	46 25	37.7% 73.5%	11 1	9.0% 2.9%	51 2	41.8% 5.9%	10 4	8.2% 11.8%	4 2	3.3% 5.9%
	MILICUI	34	23	13.370	1	∠.J70	2	5.770	4	11.070	2	3.770

### Screening Outcomes by County for Fiscal Year 1999

		Total	In-	Home	RO	CF-PC	Nursii	Nursing Facility		NF-Short Term		No Services/Other	
	County	Referrals	#	%	#	%	#	%	#	%	#	%	
	NODAWAY	90	23	25.6%	16	17.8%	35	38.9%	10	11.1%	6	6.7%	
	PUTNAM	40	19	47.5%	2	5.0%	15	37.5%	4	10.0%	0	0.0%	
	SULLIVAN	63	26	41.3%	6	9.5%	21	33.3%	6	9.5%	4	6.3%	
	WORTH	13	4	30.8%	1	7.7%	6	46.2%	2	15.4%	0	0.0%	
	* REGION 4 TOTAL :	* 1,688	503	29.8%	173	10.2%	625	37.0%	143	8.5%	244	14.5%	
REGION 5	ADAIR	163	47	28.8%	30	18.4%	44	27.0%	21	12.9%	21	12.9%	
	CLARK	49	33	67.3%	2	4.1%	9	18.4%	5	10.2%	0	0.0%	
	KNOX	44	16	36.4%	13	29.5%	8	18.2%	4	9.1%	3	6.8%	
	LEWIS	86	25	29.1%	5	5.8%	44	51.2%	8	9.3%	4	4.7%	
	LINCOLN	105	24	22.9%	22	21.0%	49	46.7%	7	6.7%	3	2.9%	
	MACON	88	19	21.6%	0	0.0%	57	64.8%	8	9.1%	4	4.5%	
	MARION	202	41	20.3%	33	16.3%	89	44.1%	25	12.4%	14	6.9%	
	MONROE	46	24	52.2%	7	15.2%	10	21.7%	3	6.5%	2	4.3%	
	MONTGOMERY	93	14	15.1%	14	15.1%	55	59.1%	6	6.5%	4	4.3%	
	PIKE	101	40	39.6%	4	4.0%	41	40.6%	11	10.9%	5	5.0%	
	RALLS	57	29	50.9%	1	1.8%	14	24.6%	11	19.3%	2	3.5%	
	RANDOLPH	150	51	34.0%	15	10.0%	45	30.0%	29	19.3%	10	6.7%	
		39			13				7		2	5.1%	
	SCHUYLER		16	41.0%		2.6%	13	33.3%		17.9%			
	SCOTLAND SHELBY	59	28	47.5% 38.6%	5 2	8.5% 4.5%	15	25.4% 36.4%	8 7	13.6% 15.9%	3 2	5.1% 4.5%	
		44	17				16						
	WARREN	37	4	10.8%	0	0.0%	25	67.6%	3	8.1%	5	13.5%	
TOTON (	* REGION 5 TOTAL *		428	31.4%	154	11.3%	534	39.2%	163	12.0%	84	6.2%	
REGION 6	AUDRAIN	80	17	21.3%	9	11.3%	39	48.8%	5	6.3%	10	12.5%	
	BOONE	414	83	20.0%	59	14.3%	189	45.7%	24	5.8%	59	14.3%	
	CALLAWAY	114	9	7.9%	34	29.8%	49	43.0%	6	5.3%	16	14.0%	
	CAMDEN	113	16	14.2%	2	1.8%	73	64.6%	11	9.7%	11	9.7%	
	COLE	195	26	13.3%	42	21.5%	88	45.1%	22	11.3%	17	8.7%	
	COOPER	78	17	21.8%	9	11.5%	48	61.5%	0	0.0%	4	5.1%	
	CRAWFORD	84	9	10.7%	12	14.3%	50	59.5%	8	9.5%	5	6.0%	
	DENT	62	19	30.6%	11	17.7%	23	37.1%	3	4.8%	6	9.7%	
	GASCONADE	89	9	10.1%	5	5.6%	63	70.8%	10	11.2%	2	2.2%	
	HOWARD	36	10	27.8%	7	19.4%	13	36.1%	1	2.8%	5	13.9%	
	LACLEDE	122	18	14.8%	20	16.4%	63	51.6%	16	13.1%	5	4.1%	
	MARIES	27	5	18.5%	0	0.0%	13	48.1%	7	25.9%	2	7.4%	
	MILLER	66	16	24.2%	6	9.1%	32	48.5%	6	9.1%	6	9.1%	
	MONITEAU	73	9	12.3%	12	16.4%	39	53.4%	12	16.4%	1	1.4%	
	MORGAN	157	67	42.7%	22	14.0%	55	35.0%	7	4.5%	6	3.8%	
	OSAGE	68	19	27.9%	12	17.6%	27	39.7%	9	13.2%	1	1.5%	
	PHELPS	157	21	13.4%	28	17.8%	83	52.9%	8	5.1%	17	10.8%	
	PULASKI	104	16	15.4%	3	2.9%	56	53.8%	19	18.3%	10	9.6%	
	WASHINGTON	93	18	19.4%	17	18.3%	45	48.4%	8	8.6%	5	5.4%	
	* REGION 6 TOTAL		404	18.9%	310	14.5%	1,048	49.2%	182	8.5%	188	8.8%	
REGION 7	CASS	240	21	8.8%	59	24.6%	139	57.9%	7	2.9%	14	5.8%	
KEGION /	CLAY	414	25	6.0%	77	18.6%		59.2%	15	3.6%	52	12.6%	
								44.7%					
	JACKSON	2,970	675	22.7%	411	13.8%	1,327		47	1.6%	510	17.2%	
	PLATTE	116	6	5.2%	17	14.7%	77	66.4%	5	4.3%	11	9.5%	
	RAY	71	28	39.4%	1	1.4%	37	52.1%	4	5.6%	1	1.4%	
	* REGION 7 TOTAL *	,	755	19.8%	565	14.8%	1,825	47.9%	78	2.0%	588	15.4%	
REGION 8	FRANKLIN	248	17	6.9%	19	7.7%	167	67.3%	17	6.9%	28	11.3%	
	JEFFERSON	529	52	9.8%	101	19.1%	319	60.3%	12	2.3%	45	8.5%	
	ST CHARLES	351	32	9.1%	33	9.4%	253	72.1%	6	1.7%	27	7.7%	
	ST LOUIS COUNTY	2,834	581	20.5%	182	6.4%	1,585	55.9%	49	1.7%	437	15.4%	
	* REGION 8 TOTAL		682	17.2%	335	8.5%		58.7%	84	2.1%	537	13.6%	
REGION 9	ST LOUIS CITY	2,280	841	36.9%	204	8.9%	850	37.3%	48	2.1%	337	14.8%	
REGION 10	BARTON	45	3	6.7%	3	6.7%	26	57.8%	8	17.8%	5	11.1%	
	JASPER	464	123	26.5%	56	12.1%	188	40.5%	39	8.4%	58	12.5%	
	MCDONALD	79	12	15.2%	21	26.6%	32	40.5%	3	3.8%	11	13.9%	
	NEWTON	275	37	13.5%	17	6.2%	177	64.4%	28	10.2%	16	5.8%	
	* REGION 10 TOTAL		175	20.3%	97	11.2%	423	49.0%	78	9.0%	90	10.4%	
	STATE TOTAL	24,287	6,482	26.7%	2,818	11.6%	10,699	44.1%	1,450	6.0%	2,838	11.7%	

Note: No Services/Other includes not authorized for an MCO qualifying service, returned to the community on their own resources, improved to where no care was needed, relocated to another state, died before a long-term care decision was made or where there was insufficient data to determine an outcome.

### Screening Outcomes by Region and Fiscal Year

	FY	FY 1995		FY 1996		FY 1997		FY 1998		FY 1999	
	#	<b>%</b>	#	<b>%</b>	#	<b>%</b>	#	%	#	%	
In-Home Services Outcomes											
State Total	1,807	10.0%	2,582	13.2%	4,043	18.6%	5,999	25.0%	6,482	26.79	
Region 1 - South Central	166	7.4%	227	9.5%	411	15.8%	838	26.9%	716	24.29	
Region 2 - Southeast	640	23.0%	725	26.0%	641	22.8%	1,260	36.4%	1,419	38.49	
Region 3 - West Central	132	13.1%	329	24.3%	419	29.0%	559	34.2%	559	36.4	
Region 4 - Northwest	76	6.9%	76	6.9%	150	12.6%	253	19.1%	503	29.8	
Region 5 - Northeast	89	9.3%	142	14.2%	141	14.5%	291	23.2%	428	31.4	
Region 6 - Central	192	11.9%	326	16.6%	374	17.4%	412	18.5%	404	18.9	
Region 7 - Metro Kansas City	136	4.8%	307	10.0%	730	18.9%	753	20.6%	755	19.8	
Region 8 - Metro St. Louis	197	6.2%	243	6.7%	551	14.2%	726	17.6%	682	17.2	
Region 9 - St. Louis City	160	9.3%	185	11.1%	599	28.7%	821	34.2%	841	36.9	
Region 10 - Southwest	19	2.7%	22	3.3%	27	3.6%	86	10.8%	175	20.3	
RCF-PC Outcomes											
State Total	2,223	12.2%	1,989	10.1%	2,594	11.9%	2,534	10.6%	2,818	11.6	
Region 1 - South Central		14.1%	264	11.1%	273	10.5%	303	9.7%	320	18.8	
Region 2 - Southeast		12.7%	294	10.5%	376	13.4%	389	11.2%	518	14.0	
Region 3 - West Central		11.2%	135	10.0%	157	10.9%	165	10.1%	142	9.3	
Region 4 - Northwest		14.2%	163	14.7%	165	13.8%	147	11.1%	173	10.2	
Region 5 - Northeast		15.9%	100	10.0%	92	9.5%	122	9.7%	154	11.3	
Region 6 - Central		10.9%	199	10.1%	311	14.5%	270	12.1%	310	14.5	
Region 7 - Metro Kansas City	302	10.6%	264	8.6%	548	14.2%	514	14.1%	565	14.8	
Region 8 - Metro St. Louis	292		293	8.1%	320	8.2%	273	6.6%	335	8.5	
Region 9 - St. Louis City	217	12.6%	161	9.7%	209	10.0%	227	9.5%	204	8.9	
Region 10 - Southwest	143	20.3%	116	17.4%	143	19.0%	124	15.6%	97	11.2	
Nursing Facility Outcomes											
State Total	11,397	62.8%	12,088	61.7%	11,397	52.4%	11,297	47.1%	10,699	44.1	
Region 1 - South Central	1,374	61.1%	1,470	61.8%	1,401	53.8%	1,449	46.6%	1,335	45.1	
Region 2 - Southeast		45.6%	1,187	42.6%	1,134		1,176	34.0%	1,102	29.9	
Region 3 - West Central		60.4%	689	50.8%	669	46.3%	709	43.4%	633	41.2	
Region 4 - Northwest		56.3%	605	54.7%	550	46.1%	601	45.4%	625	37.0	
Region 5 - Northeast		59.6%	553	55.5%	555	57.0%	606	48.2%	534	39.2	
Region 6 - Central		63.8%		58.6%	1,111	51.7%	1,111	49.9%	1,048	49.2	
Region 7 - Metro Kansas City		72.6%	2,210			52.9%	1,791	49.1%	1,825	47.9	
Region 8 - Metro St. Louis		74.0%	2,731	75.8%	2,537	65.3%	2,521	61.2%	2,324	58.7	
Region 9 - St. Louis City		64.3%	1,075		998	47.8%	947	39.4%	850	37.3	
Region 10 - Southwest		57.4%		62.4%		53.5%	386	48.4%	423	49.0	

### Screening Outcomes by Region and Fiscal Year

	FY	1995	FY	7 1996 FY		1997 FY		1998	FY	1999
	#	<b>%</b>	#	<b>%</b>	#	%	#	<b>%</b>	#	%
Nursing Facility - Short-Term C	Outcomes									
State Total	1,377	7.6%	1,715	8.7%	1,981	9.1%	1,776	7.4%	1,450	6.0%
Region 1 - South Central	242	10.8%	283	11.9%	318	12.2%	272	8.7%	265	8.9%
Region 2 - Southeast	371	13.3%	436	15.6%	482	17.2%	357	10.3%	308	8.39
Region 3 - West Central	103	10.2%	142	10.5%	141	9.8%	114	7.0%	101	6.69
Region 4 - Northwest	180	16.3%	209	18.9%	233	19.5%	176	13.3%	143	8.59
Region 5 - Northeast	99	10.4%	171	17.2%	151	15.5%	160	12.7%	163	12.09
Region 6 - Central	134	8.3%	187	9.5%	230	10.7%	246	11.1%	182	8.59
Region 7 - Metro Kansas City	97	3.4%	96	3.1%	126	3.3%	105	2.9%	78	2.09
Region 8 - Metro St. Louis	48	1.5%	71	2.0%	114	2.9%	162	3.9%	84	2.19
Region 9 - St. Louis City	32	1.9%	43	2.6%	73	3.5%	96	4.0%	48	2.19
Region 10 - Southwest	71	10.1%	77	11.6%	113	15.0%	88	11.0%	78	9.09
No Services/Other Outcomes *										
State Total	1,349	7.4%	1,229	6.3%	1,738	8.0%	2,364	9.9%	2,838	11.79
Region 1 - South Central	149	6.6%	136	5.7%	199	7.6%	249	8.0%	326	11.09
Region 2 - Southeast	150	5.4%	147	5.3%	173	6.2%	276	8.0%	344	9.39
Region 3 - West Central	52	5.1%	61	4.5%	58	4.0%	88	5.4%	100	6.59
Region 4 - Northwest	69	6.3%	54	4.9%	94	7.9%	147	11.1%	244	14.59
Region 5 - Northeast	46	4.8%	31	3.1%	34	3.5%	77	6.1%	84	6.29
Region 6 - Central	79	4.9%	101	5.1%	122	5.7%	186	8.4%	188	8.89
Region 7 - Metro Kansas City	244	8.6%	206	6.7%	414	10.7%	486	13.3%	588	15.49
Region 8 - Metro St. Louis	288	9.1%	263	7.3%	366	9.4%	431	10.5%	537	13.69
Region 9 - St. Louis City	205	11.9%	195	11.8%	210	10.0%	311	12.9%	337	14.89
Region > Dr. Louis City										

<sup>\*</sup> No Services/Other includes not authorized for an MCO qualifying service, returning to the community on their own resources, improved to where no care was needed, relocated to another state, died before a long-term care decision could be made, or there was insufficient data to determine an outcome. Region was missing for one referral in FY 1997; therefore regional totals will not add to state total.

### Description of In-Home Services

#### Homemaker Care

General housekeeping tasks provided by trained homemakers to assist with routine household activities.

#### Basic Personal Care

Assistance with activities of daily living such as grooming, bathing, dressing and eating.

#### Advanced Personal Care

Assistance with daily living for persons with altered body functions requiring more medically related assistance.

#### Respite Care

Companion and oversight services which provide temporary relief for the regular caregiver of a dependent adult.

#### Advanced Respite Care

Maintenance services provided to a person with special needs for the purpose of providing temporary relief to a caregiver who lives with the person.

### Nurse Respite Care

Service to offer relief to a live-in caregiver for a person with special needs that only a nurse (or trained family member) could provide.

### Adult Day Health Care

Organized programs consisting of therapeutic, rehabilitative and social activities provided outside the home to persons with functional impairments.

#### Nurse Visits

Maintenance, supervisory or preventive services provided by a registered nurse or licensed practical nurse.

### RCF-Personal Care (PC) Services

Personal care services, advanced personal care services and/or nurse visits provided to residents of residential care facilities.

### Maximum Reimbursement Unit Rates for In-Home Services

Homemaker and Basic	c Person	al Care					
	Unit:		Unit Rate:	July 1, 1995		\$10.36	
				July 1, 1996		\$10.86	
				November 1,	1996	\$11.46	
				September 1,		\$11.94	
				1			
Advanced Personal Ca	<i>ire</i> Unit:	1 hour	Unit Rate:	July 1, 1994		\$14.61	
	Omt.	1 Hour	Omi Rate.	July 1, 1994 July 1, 1996		\$14.90	
				November 1,	1006	\$15.50	
				September 1,		\$15.50	
				September 1,	, 1))//	Ψ15.70	
Respite, in-home 12-ho		0.101	** ** ** ** **	X 1 1 1002		<b># 40.00</b>	
		9-12 hours	Unit Rate:	July 1, 1992		\$40.00	
Respite, in-home 1 hor							
	Unit:	1 hour	Unit Rate:	• •		\$7.36	
				July 1, 1996		\$9.00	
				November 1,		\$9.60	
				September 1,	, 1997	\$10.08	
Nurse Respite							
1	Unit:	4 hours	Unit Rate:	June 1, 1997		\$75.00	
Advanced Respite, in-l	home 1 l	ากมา					
i i i i i i i i i i i i i i i i i i i	Unit:		Unit Rate:	July 1, 1996		\$12.00	
				November 1,	1996	\$12.60	
				June 1, 1997		\$13.08	
Advanced Respite, in-l	home blo	ock		,			
	Unit:	8 hours	Unit Rate:	June 1, 1997		\$75.00	
Advanced Respite, in-l	home da	ily					
• /		24 hours	Unit Rate:	June 1, 1997		\$175.00	
Adult Day Health Car	e (1 dav)						
=, 120mm	Unit:		Unit Rate:	July 1, 1994		\$33.50	
		•		July 1, 1996		\$40.00	
				•			
				November 1,	1996	\$41.50	
				November 1,	1996	\$41.50	
Nurse Visits	II.	1	Unit Det		1996		
Nurse Visits	Unit:	1 visit	Unit Rate:	July 1, 1990	1996	\$25.00	
Nurse Visits	Unit:	1 visit	Unit Rate:	July 1, 1990 July 1, 1996		\$25.00 \$35.00	
Nurse Visits	Unit:	1 visit	Unit Rate:	July 1, 1990 July 1, 1996 November 1,	1996	\$25.00 \$35.00 \$35.60	
Nurse Visits	Unit:	1 visit	Unit Rate:	July 1, 1990 July 1, 1996	1996	\$25.00 \$35.00	
Nurse Visits  RCF-PC Services	Unit:	1 visit		July 1, 1990 July 1, 1996 November 1,	1996	\$25.00 \$35.00 \$35.60 \$36.08	RN
	Unit:	1 visit		July 1, 1990 July 1, 1996 November 1, September 1,	. 1996 , 1997	\$25.00 \$35.00 \$35.60 \$36.08	RN Visits
RCF-PC Services	Unit:			July 1, 1990 July 1, 1996 November 1, September 1,	. 1996 , 1997 <b>Advanc</b>	\$25.00 \$35.00 \$35.60 \$36.08 ed Care	
		1 visit  July 1, 1996  November 1,		July 1, 1990 July 1, 1996 November 1, September 1,  Personal Care	. 1996 , 1997 <i>Advance</i> <i>Personal</i> (	\$25.00 \$35.00 \$35.60 \$36.08 ed Care	Visits